Index of Claims

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BINH K. TIEU

Examiner

Applicant(s)/Patent under Reexamination

KLEIN ET AL.

Art Unit

2643

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

**Appeal** О Objected

| Cla      | aim      |          |                 | _        | - (      | Dat      | е  |          |           | _            | ]        | Cla                    | aim      |  |           |          | C        | ate           |          |          |         |                | С        | laim       |              |   |          | [        | Date     | e         |                     |           |           |
|----------|----------|----------|-----------------|----------|----------|----------|--|----------|-----------|--------------|----------|------------------------|----------|--|-----------|----------|----------|---------------|----------|----------|---------|----------------|----------|------------|--------------|---|----------|----------|----------|-----------|---------------------|-----------|-----------|
| _        | <u>a</u> | 8        |                 |          |          |          |  | l        |           |              |          | _                      | व        | 92   |           |          |          |               |          |          |         |                | _        | <u> </u>   |              |   |          |          |          |           |                     |           | 1         |
| Final    | Original | 11/25/05 |                 |          |          |          |  | l        |           |              |          | Final                  | Original | 11/25/05   |           |          |          |               |          |          |         |                | Final    | Original   |              |   |          |          |          |           |                     |           | 1 1       |
| "        | ŏ        | =        |                 |          |          |          | Ì  |          |           |              |          | ۳.                     | ō        | =  |           |          |          |               |          |          |         |                | "        | ŏ          |              |   |          |          |          |           | П                   |           |           |
| 1        | 1        | =        | H               |          | -        | $\vdash$ | ┼╌   | ┼-       | ╁         | ╫            | ┨        | 40                     | 51       | =  | Н         |          |          | $\dashv$      | -        | +        | +       | -              |          | 101        | ┢            | -   |          | -        | ┢        | ╁         | H                   | $\dashv$  | Н         |
| <u> </u> | 2        |          | H               |          |          |          |  | T        | +         | $\top$       | ┧Ш       | ,,,                    | 52       | ┢  | П         | $\neg$   | ヿ        | ᅱ             | 寸        | +        | +       | 1              |          | 102        |              |   | H        | -        |          | -         | Н                   |           | Н         |
|          | 3        | T        | П               |          |          |          | T  | Τ        | $\top$    | Τ            | 1        |                        | 53       | Г  | Ħ         |          | ᅵ        | $\neg$        |          | $\dashv$ | $\top$  | 7              |          | 103        |              |   |          |          |          | T         | П                   | $\Box$    |           |
| 2        | 4        | =        |                 |          |          |          |  |          |           |              | ]        |                        | 54       |  |           |          |          |               |          |          |         |                |          | 104        |              |   |          |          |          |           | П                   |           | П         |
| 3        | 5        | =        |                 |          |          |          |  |          |           | $\perp$      | ]        |                        | 55       |  |           |          |          |               |          |          |         |                |          | 105        |              |   |          |          |          |           |                     |           |           |
| 4        | 6        | =        |                 |          |          |          | ┖  | L        | ┸         |              | _        | <u> </u>               | 56       |  | Ш         |          | _        | _             | _ _      |          | $\perp$ | _              |          | 106        | <u> </u>     |   |          |          | 匚        | Ŀ         | Ц                   |           | Ш         |
| 5        | 7        | =        |                 |          |          |          | _  | Ļ        | $\bot$    | ╄            | _        | <u></u>                | 57       | L.   |           | _        | _        | _             | 4        |          | $\perp$ |                |          | 107        |              | ļ   |          | _        | <u> </u> |           | Ш                   | $\square$ | Ш         |
| 6        | 8        | ᆖ        |                 | _        | Ш        |          | ┡  | <u> </u> | +         | +            | -        | <u> </u>               | 58       | ļ  | $\square$ | _        |          |               |          | _        | _       | 4              |          | 108        | _            | <u> </u>  |          | L        | <u> </u> |           | Ш                   |           | Ш         |
| 7<br>8   | 9<br>10  | =        | $\vdash$        | -        | Н        |          | Ͱ  |          | +         | +            | -        | <u> </u>               | 59       | -  | ┦         | ᅱ        | -        | -             | +        | +        | +       | -              | <u> </u> | 109        | -            | <u> </u>  | _        | <u> </u> | <u> </u> | -         | Н                   | $\dashv$  | Н         |
| 9        | 11       | =        | -               | -        | -        |          | ╁  | ┢        | +         | +            | -        |                        | 60<br>61 | ⊢  | $\vdash$  | ┥        |          | _             | +        | +        | -       | -              | -        | 110        | -            |   | _        | -        | -        | ├         | $\vdash$            | $\dashv$  | Н         |
| 10       | 12       | =        | $\vdash$        | _        | Н        |          | <del> </del>                                     | ┢        | ╁         | ╁            | -        |                        | 62       | ┢  |           | $\dashv$ | $\dashv$ | -             | $\dashv$ | +        | +       |                | <u> </u> | 112        | $\vdash$     | $\vdash$  | _        | ├        | -        | Н         | $\vdash$            | $\dashv$  |           |
| 11       | 13       | ▐        | H               |          | Н        |          | <del>                                     </del> | H        | +         | +            | 1        |                        | 63       | ┢  | $\vdash$  | $\dashv$ |          | $\dashv$      | +        | +        | +       |                | <u> </u> | 113        | $\vdash$     | $\vdash$  | -        | $\vdash$ | $\vdash$ | Н         | $\vdash \vdash$     | $\dashv$  | $\dashv$  |
| 12       | 14       | =        | $\vdash$        |          | $\vdash$ | _        | <del>                                     </del> | H        | +         | $\top$       | 1        |                        | 64       | <del>                                     </del> | ┢═┪       | $\dashv$ | -        | _             | $\dashv$ | +        | +       | Ⅎ᠁             | <u></u>  | 114        | ┢            | $\vdash$  | -        | $\vdash$ | $\vdash$ | H         | $\vdash$            | $\neg$    | $\dashv$  |
|          | 15       |          |                 |          |          |          | T  | T        | $\top$    | ١.           | 1        |                        | 65       | 1  |           |          | $\neg$   |               | _        | 十        | ╅       | 1              | <b></b>  | 115        |              |   | -        |          |          |           | П                   | $\neg$    | 一         |
| 13       | 16       | =        |                 |          |          |          | П  | Г        |           | $\top$       | 7        |                        | 66       |  | П         |          |          |               | 寸        | T        | T       | 1              |          | 116        |              | <del>                                     </del>  |          |          |          |           | П                   | $\neg$    | 口         |
| 14       | 17       | =        | П               |          |          |          | Г  | Г        | T         | T            | 7        |                        | 67       | П  | П         |          |          |               | $\neg$   | $\top$   |         | 7              |          | 117        |              | П   |          |          |          |           | П                   |           | П         |
| 15       | 18       | =        |                 |          |          |          |  |          |           |              | ]        |                        | 68       |  |           |          |          |               |          |          |         |                |          | 118        |              |   |          |          |          |           | П                   | $\neg$    |           |
| 16       | 19       | =        |                 |          |          |          |  |          |           |              |          |                        | 69       |  |           | $\Box$   | $\Box$   |               |          |          |         |                |          | 119        |              |   |          |          |          |           |                     |           |           |
| 17       | 20       | =        | Ш               |          |          |          |  |          | $\perp$   | ↓_           | <u> </u> |                        | 70       |  | Ш         |          |          | $\Box$        |          |          |         |                |          | 120        |              |   |          |          |          |           |                     |           |           |
| 18       | 21       | =        | Ш               |          |          |          | Ш  | L        | $\perp$   | ↓_           | 1        |                        | 71       |  | Ц         | _        | _        | _             | _        | ┵        | 丄       |                |          | 121        |              |   |          |          |          |           | Ш                   |           | Ш         |
| 19       | 22       | Ξ        | $\sqcup$        | _        |          |          | _  | L        | $\perp$   | -            | -        |                        | 72       |  | Щ         | _        | _        | _             | 4        | 4        | 4       | 4              |          | 122        | <u> </u>     | $ldsymbol{ld}}}}}}$ | _        |          |          |           | $\sqcup$            |           | Ц         |
| 20       | 23       | =        | $\vdash$        | 4        | -        |          |  | _        | +         | ┼            | -        |                        | 73       | <u> </u>   | Н         | -        | -        |               | 4        | -        | +       | -              | ļ        | 123        | <u> </u>     | <u> </u>  |          |          | i        |           | $\vdash \vdash$     |           | $\dashv$  |
| 21<br>22 | 24<br>25 | =        | $\vdash$        | 4        |          |          |  | -        | ╁         | ╁            | -        | · -                    | 74<br>75 | $\vdash$   | Н         | $\dashv$ | -        | -             | $\dashv$ |          | +       | -              |          | 124        | <u> </u>     |   |          |          |          |           | $\vdash \downarrow$ | -         | Н         |
| 23       | 26       | =        |                 | $\dashv$ | $\dashv$ |          | H  | -        | +         | ╁            | -        |                        | 76       | ┝  | $\dashv$  | -        | $\dashv$ | $\dashv$      | +        | +        | +       | -              | ļ        | 125<br>126 | _            |   |          | _        |          |           | ⊢⊹                  | $\dashv$  | $\dashv$  |
| 24       | 27       | =        | $\vdash$        | $\dashv$ | ┥        |          | H  | ┝        | ╁         | +-           | -        |                        | 77       | H-   | H         | +        | -+       | $\dashv$      | $\dashv$ | +        | +       | -              |          | 127        | <del> </del> | H   |          | Н        | _        | Н         | $\vdash$            |           | $\dashv$  |
|          | 28       | -        | $\vdash$        | _        | $\neg$   |          | H  |          | +         | +            | 1        |                        | 78       |  | H         | +        | $\dashv$ | -+            |          | +        | +       | Ⅎ᠁             |          | 128        |              | H   | _        |          |          | Н         | $\dashv$            | $\dashv$  | $\dashv$  |
|          | 29       |          | $\vdash$        | ┪        | $\dashv$ |          | H  | H        | +         | +            | 1        |                        | 79       |  |           | 寸        | -        | -             | -        | _        | ╁       | -              |          | 129        |              | $\vdash$  | _        | Н        | _        | $\vdash$  | $\dashv$            | $\dashv$  | $\dashv$  |
| 25       | 30       | =        | $\dashv$        |          |          |          |  |          | $\top$    | T            | 1        |                        | 80       |  | $\Box$    | T        | 寸        | $\dashv$      | +        | _        | +       | <b>∃</b> !!!!! |          | 130        |              | Н   |          |          |          |           | 一                   | $\dashv$  | $\dashv$  |
| 26       | 31       | =        |                 | $\neg$   |          |          |  |          | 1         | T            | 1        |                        | 81       |  | Ħ         | T        | T        | 寸             | $\top$   | _        |         | 7              |          | 131        |              |   |          |          |          |           | 一                   | $\neg$    | $\dashv$  |
| 27       | 32       | =        |                 |          |          |          |  |          |           |              |          |                        | 82       |  |           |          |          | $\neg$        |          |          | Ť       | 7              |          | 132        |              |   |          | П        |          |           | T                   | ᅥ         | П         |
| 28       | 33       | =        |                 |          |          |          |  |          |           |              |          |                        | 83       |  |           |          |          |               |          |          |         |                |          | 133        |              |   |          |          |          |           |                     |           |           |
| 29       | 34       | =        | Ш.              | _        |          |          |  |          | $\perp$   | $\downarrow$ |          | $\Box$                 | 84       |  |           |          |          |               | _        |          |         | _              |          | 134        |              |   |          |          |          |           |                     |           |           |
| 30       | 35       | =        | $\sqcup$        | _        |          |          |  | _        | $\bot$    | $\perp$      |          | $\sqcup \sqcup$        | 85       | $\Box$   |           |          |          |               | _        |          | 4_      | 4              |          | 135        |              | Ш   |          | $\Box$   | Ш        | $\square$ | $\dashv$            | 凵         | Ц         |
| 31       | 36       | =        | $\vdash \vdash$ |          | -        | _        | $\vdash$   | _        | +         | $\perp$      | 4        | $\vdash \vdash$        | 86       | <u> </u>   |           |          | 4        | 4             | $\perp$  |          | 4       | 4              |          | 136        |              | Щ   |          | $\Box$   |          | $\square$ | 4                   | _         | _         |
| 32       | 37<br>38 | =        | $\vdash$        | $\dashv$ | $\dashv$ | _        | $\vdash$   | _        | +         | +            | -        | $\vdash \vdash \vdash$ | 87       |  |           |          | -        | $\rightarrow$ | +        | +        | +       | 4              |          | 137        |              | $\square$   | -4       | $\Box$   |          | $\square$ | _                   |           | 4         |
| 33<br>34 | 38       | 11 11    | $\vdash$        | -        | $\dashv$ |          | $\vdash$   | -        | +         | +            | -        | $\vdash \vdash \mid$   | 88       |  |           | -+       |          | $\dashv$      | +        | +        | +       | -              |          | 138        |              | $\vdash \vdash$   | $\dashv$ | $\vdash$ |          |           | -+                  |           | $\dashv$  |
| 35       | 40       | =        | -+              | $\dashv$ | $\dashv$ | -        | Н  | $\vdash$ | +         | +-           | 1        |                        | 89<br>90 | $\vdash$   | $\vdash$  | $\dashv$ |          |               | $\dashv$ | +        | +       | -              |          | 139<br>140 | —            | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$            | $\dashv$  | $\dashv$  |
| 36       | 41       | =        | $\dashv$        | $\dashv$ | $\dashv$ | _        | $\vdash$   | $\vdash$ | +         | +            | 1        |                        | 91       | $\vdash$   |           | $\dashv$ | $\dashv$ | +             | -        | +        | +       | -              |          | 141        |              | $\vdash$  | $\dashv$ | $\vdash$ | -        | $\dashv$  | $\dashv$            | $\dashv$  | $\dashv$  |
| 37       | 42       | =        | -               | $\dashv$ | -        | -        | H  |          | +         | T            |          | -                      | 92       | H  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$      | +        | +        | +-      | 1              | -        | 142        |              | $\vdash$  | $\dashv$ |          | $\vdash$ | $\vdash$  | $\dashv$            | $\dashv$  | $\dashv$  |
| 38       | 43       | =        |                 | 7        | $\dashv$ | _        |  | $\vdash$ | +         | 1            | 1        |                        | 93       | Н  | $\dashv$  | -        | $\dashv$ | $\dashv$      | +        | +        | +-      | 1              |          | 143        |              | $\vdash$  | $\dashv$ |          | $\dashv$ |           | $\dashv$            | $\dashv$  | $\dashv$  |
| 39       | 44       | =        | $\top$          | 7        | $\neg$   |          | П  | Т        | $\dagger$ | T            | 1        | "                      | 94       | $\vdash$   | $\dashv$  | 7        | $\dashv$ | $\dashv$      | $\dashv$ | +        | $\top$  | اااا           |          | 144        |              | $\vdash$  |          | $\neg$   | $\dashv$ |           | $\dashv$            | $\dashv$  | $\dashv$  |
|          | 45       |          |                 | _        |          |          |  |          |           |              | ]        |                        | 95       |  |           | $\neg$   | 1        | $\neg$        | 1        | 7        | 7       | 1              |          | 145        |              | H   |          |          | $\neg$   |           | $\dashv$            | $\dashv$  | $\exists$ |
| 41       | 46       | =        |                 | J        | コ        |          |  |          | L         |              | ]        |                        | 96       |  |           |          |          | _1            |          |          | Ι       |                |          | 146        |              |   |          |          |          |           | $\Box$              | $\exists$ |           |
| 42       | 47       | =        | $\Box$          | $\Box$   | $\Box$   |          |  |          |           |              | ]        |                        | 97       |  |           |          |          |               | $\perp$  |          | $\perp$ | ]              |          | 147        |              |   |          |          |          |           |                     | J         |           |
| 43       | 48       | =        | $\bot$          | _        | _        |          |  |          |           |              | 1        |                        | 98       |  |           |          | $\bot$   | $\perp$       | $\bot$   | Ţ        | L       | _              |          | 148        |              |   |          |          |          |           | $\Box$              | $\Box$    | $\Box$    |
| 44       | 49       | =        | $\bot$          | _        | _        | _        |  |          | 4_        | _            |          |                        | 99       | $\square$  | _         | _        | _        | $\perp$       | $\perp$  | $\perp$  | 4-      | _              |          | 149        |              |   |          | _        | _        | _         | $\dashv$            | $ \bot $  | $\Box$    |
| 45       | 50       | =        |                 |          | Щ        |          | Ш  |          |           |              | J:::::   |                        | 100      |  |           |          | $\perp$  |               |          |          | $\perp$ | ]:::::         |          | 150        |              |   |          |          |          | $\perp$   |                     |           |           |